

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An Apparatus for reducing clogging of a pipe, the apparatus comprising a body having an open end adapted to be detachably connected to an aperture of the pipe, a shaft moveable within ~~and relative to the body~~, a ~~seraping device~~scraper attached to one end of the shaft, means for reciprocally moving the shaft to urge the ~~seraping device~~scraper into the pipe to dislodge particulates deposited within the pipe and to withdraw the ~~seraping device~~scraper from the pipe, and, ~~extending about the body~~, injecting means extending about the body for injecting heated, compressed gas into the body to inhibit particulate deposition, ~~therein~~.
2. (Currently Amended) The Apparatus according to ~~Claim 1~~, wherein the injecting means comprises ~~one or more~~ an orifices located on an inner surface of the body.
3. (Currently Amended) The Apparatus according to ~~Claim 1 or Claim 2~~, wherein the gas is injected at a temperature within the range from 50 to 200°C, ~~preferably within the range from 80 to 150°C~~.
4. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, wherein ~~said the~~ gas comprises dry air or nitrogen.
5. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, comprising heating means extending about the body for maintaining the temperature within the body within the range from 50 to 200°C, ~~preferably within the range from 80 to 150°C~~.
6. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, wherein the ~~seraping device~~scraper has an open construction.

7. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, wherein the ~~seraping device~~scraper comprises a helical coil.
8. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, wherein the ~~seraping device~~scraper is formed from ~~a chemically inert and mechanically stable solid material, such as stainless steel.~~
9. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, wherein the means for reciprocally moving means comprises a piston reciprocally moveable within a cylinder, and the piston being attached to a second~~the other~~ end of the shaft, ~~the piston being reciprocally moveable within a cylinder.~~
10. (Currently Amended) The Apparatus according to ~~any preceding claim 1~~, wherein the means for reciprocally moving means is arranged to rotate the shaft so as to thereby rotate the ~~seraping device~~scraper within the pipe.
11. (Currently Amended) The Apparatus according to ~~any preceding claim, 1~~ having a first position wherein, the scraper is when fully withdrawn from the pipe, and the seraping deviee is substantially contained within the body so as not to be exposed to gases within the pipe.
12. (Currently Amended) The Apparatus according to ~~any preceding claim, 1~~ further comprising means for preventing particulates from being drawn into the means for reciprocally moving means as the shaft is withdrawn from the pipe.
13. (Currently Amended) The Apparatus according to ~~Claim 12~~claim 12, comprising scraping means for scraping particulates from the shaft during movement thereof.
14. (Currently Amended) The Apparatus according to ~~Claim 13~~claim 13, wherein the scraping means comprises an annular seal through which the shaft passes.
15. (Currently Amended) An Apparatus for reducing clogging of an inlet pipe to a wet scrubber, the apparatus comprising a body having an open end adapted to be detachably

connected about an aperture of the inlet pipe, a shaft moveable within ~~and relative to the~~ body, a ~~seraping device~~scraper attached to one end of the shaft, means for reciprocally moving the shaft to urge the ~~seraping device~~scraper into the inlet pipe to dislodge particulates deposited within the pipe and to withdraw the ~~seraping device~~scraper from the inlet pipe, and, ~~extending about the body, injecting means extending about the body for injecting heated,~~ compressed gas into the body to inhibit particulate deposition ~~therein.~~

16. (Currently Amended) A method of reducing clogging of a pipe, the method comprising detachably connecting to an aperture of the pipe an attachment comprising a body, a shaft moveable within and relative to the body, and a ~~seraping device~~scraper attached to one end of the shaft; reciprocally moving the shaft to urge the ~~seraping device~~scraper into the pipe to dislodge particulates deposited within the pipe and to withdraw the ~~seraping device~~scraper from the pipe; and injecting heated, compressed gas into the body to inhibit particulate deposition therein.

17. (Currently Amended) A method of reducing clogging of an inlet pipe to a wet scrubber, the method comprising detachably connecting to an aperture of the inlet pipe an attachment comprising a body, a shaft moveable within and relative to the body, and a ~~seraping device~~scraper attached to one end of the shaft; reciprocally moving the shaft to urge the ~~seraping device~~scraper into the inlet pipe to dislodge particulates deposited within the pipe and to withdraw the ~~seraping device~~scraper from the inlet pipe; and injecting heated, compressed gas into the body to inhibit particulate deposition therein.

18. (New) The apparatus according to claim 1 wherein the gas is injected at a temperature within the range from 80 to 150°C.

19. (New) The apparatus according to claim 1 comprising heating means extending about the body for maintaining the temperature within the body within the range from 80 to 150°C.